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L1	1	("5848271").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF.	2007/07/19 17:05
L2	5030	(work adj flow)	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
L3	2561160	document file text	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
L4	3404994	detect process query	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
·L5	683	2 with 3	US-PGPUB; USPAT	OR	ON	2007/07/19 17:05
L6	395	petri adj net	US-PGPUB; USPAT	OR	ON	2007/07/19 17:06
L7	0	6 and 5	US-PGPUB; USPAT	OR	ON	2007/07/19 17:06
L8	270	6 and 3	US-PGPUB; USPAT	OR	ON ·	2007/07/19 17:06
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Modelling biological processes using workflow and Petri Net models - all 11 versions » M Peleg, I Yeh, RB Altman - Bioinformatics, 2002 - bioinformatics.oupjournals.org

W van der Aals...

... present in an extension of Petri Nets discussed in ... Figure 1 shows the workflow model

M Peleg

of the ... in the invasion process involves 'attachment, reorientation, and ...

M Dumas

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l Yeh R Altman

Comparing Petri net and activity diagram variants for workflow modelling-a quest for reactive Petri ... - all 6 versions »

R Eshuis, R Wieringa - Petri Net Technologies for Communication Based Systems, ..., 2002 - Springer

... This is unsatisfactory for analysis purposes, since analysing a Petri net workflow

model presupposes that the Petri net models the real workflow accurately. ...

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A <u>Petri net based safety analysis of workflow authorization models^ 1 - all 4 versions »</u> V Atluri - Journal of Computer Security, 2000 - IOS Press

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models 1 Vijayalakshmi Atluri a,* and Wei-Kuang Huang b ...

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XML Based Schema Definition for Support of Inter-organizational Workflow - all 25 versions »

WMP van der Aalst, A Kumar - Information Systems Research, 2003 - extenza-eps.com

... engine reads this parsed structure and creates a Petri-net representation. ... Thus,

the workflow engine will send an email to john@xyz.com and attach doc1 and ...

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Restuis, J Dehnert - Application and Theory of Petri Nets, 2003 - Springer

... markings are instantaneous is an interpretation we attach to them. ... a reactive net,

by first transforming the reactive net into a Petri net using function ...

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Business Process Modeling in the Workflow Management Environment Leu - all 2 versions »

G Dinkhoff, V Gruhn, A Saalmann, M Zielonka - Proceedings of the 13th International Conference on the ..., 1994 - lib.nau.edu.ua

... Workflow Management Environment Ceu ... the organization structure we have to attach'

process participants ... and G. Rozenberg, editors, Petri Nets: Central Models ...

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UML activity diagrams as a workflow specification language - all 14 versions »

M Dumas, AHM ter Hofstede - Proc. of the 4th Int. Conference on the Unified Modeling ... - Springer ... Unlike Petri nets whose places can hold several tokens, states ... A point in a workflow

where an activity A ... A within a subactivity state, and attach an unbounded ...

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DG Stork, R van Glabbeek - ICATPN, 2002 - Springer

... by other networks [24,11,7]. In stan- dard Petri nets with refinement of ... need not

replace an existing section of a net, but instead attach a refinement net ...

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An extensible editor and simulation engine for Petri nets: Renew - all 4 versions »

O Kummer, F Wienberg, M Duvigneau, J Schumacher, M ... - Applications and Theory of Petri Nets, 2004 - Springer

... its use in the areas of workflow and agent ... running, the user interface will attach itself to ... of for- malisms (compilers), common Petri net abstractions (like ...

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Modeling workflow processes with colored Petri nets - all 3 versions »

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M Orlowska J Miller E Stohr

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Task net: Transactional workflow model based on colored Petri net

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Workflow Automation: Overview and Research Issues - all 5 versions » EA Stohr, JL Zhao - Information Systems Frontiers, 2001 - Springer

... 26% annual growth rate and an expanding range of ... The analysis and design of a workflow system presents ... Wirtz, et al., respectively, use the Petri net formalism ...

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... Timing Constraint Petri Net (TCPN) [16], which extends PN ... In marking of a TCWF-net,

's schedulable ... as much as pos- sible, thereby expanding the schedulable ...

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... Converting Workflows to Petri Nets ... we developed a second program that collapses the

hierarchical net into a single PN by expanding hierarchical transitions. ...

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DG Stork, R van Glabbeek - ICATPN, 2002 - Springer

... by van der Aalst [2], is a Petri net (S, T ... we give contents to documents by expanding

place/transition ... Thus, a pred- icate/transition workflow net (over V and Σ ...

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A workflow vista of the software process - all 6 versions »

DKC Chan, K Leung - Database and Expert Systems Applications, 1997. Proceedings. ..., 1997 - ieeexplore.ieee.org

flow diagrams and control flow diagrams, state- charts [9, 131, and Petri nets

[12 ... It is possible to have several EXPAND clauses ... WORKFLOW APPLICATION STATES I t ...

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P Heinl, S Horn, S Jablonski, J Neeb, K Stein, M ... - Proceedings of the international joint conference on Work 1999 - portal.acm.org

... An analytical way to calculate whether an adaption can be ap- plied to a certain

workflow instance is presented. Petri net consistency is defined as a ...

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A transactional workflow model for engineering/manufacturing processes - all 2 versions »

I CHOI - International Journal of Computer Integrated Manufacturing, 2002 - Taylor & Francis

... of Task Nets, is expected to expand the transactional ... manage- ment systems,

transactional workflows, workflow mod- els, and Petri net applications in ... Cited by 6 - Related Articles - Web Search - BL Direct

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J Peterson

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authors to collect all one needs to understand Stochastic Petri net theory in ...

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... The CP-net group at Aarhus University has close contacts to the international

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The Application of Petri Nets to Workflow Management - all 22 versions »

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... On the other hand, Petri net theory provides for powerful analysis techniques which

can be used to verify the correctness of workflow procedures. ... 3 Petri nets ...

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ANALYSIS OF ASYNCHRONOUS CONCURRENT SYSTEMS BY TIMED PETRI NETS - all 2 versions »

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... of Petri nets is augmented to model the speed of operation of a device in a system

by assuming that the corresponding activity in the Petri net has a finite ...

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M Nielsen, G Plotkin, G Winskel - THEORET. COMP. SCI., 1981 - csa.com

... A theory of concurrency is found combining the approaches of Petri and Scott. ... This

allows translations between the languages of net theory and domain theory. ...

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W van der Aals... S Kumar S Chakravarthy H Debar M Buchanan

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... This document uses CoBlitz to cache paper downloads. ... of signatures used in misuse intrusion detection. ... signatures based on Colored Petri Nets is presented, and ...

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. These tools are used to register the progress of cases and to detect bottlenecks. .. This section introduces the basic Petri net terminology and notations.

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RWH Bons, RM Lee, RW Wagenaar, CD Wrigley - Proceedings of the Hawaii International Conference on System ..., 1995 - eur.nl

... depending on the acceptance of the documents by the ... stemming from graph theory to

detect possible dead-lock ... by Chen [5] applied to Petri Net specifications of ...

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... intrusions are used to create Coloured Petri Net (CPN) designs ... a rigourous definition

of the process of detecting the intrusion ... the IDS is able to detect and/or ...

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Composite Events for Active Databases: Semantics, Contexts and Detection - all 8 versions »

S Chakravarthy, V Krishnaprasad, E Anwar, SK Kim - Proceedings of the 20th International Conference on Very ..., 1994 - acm.org ... We have developed complete algorithms for **detecting** Snoop expreaaions ... in the mechanism

used for event detection. ... automaton and Samos uses a labeled Petri Net. ...

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H Debar, M Dacier, A Wespi - Computer Networks, 1999 - cs.plu.edu

... Colored Petrl Nets CPN ... are, for example, processor time, memory, disk or net- work usage ... intrusion-detection, and rarely for behavior-based intrusion detection.

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... of a protocol for detecting a mobile agent clone and its correctness proof using Coloured Petri ... - all 2 versions »

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MC Buchanan, PT Zellweger - Proceedings of the first ACM international conference on ..., 1993 - portal.acm.org

... delays, using runtime signalling to detect and correct ... running a formatter to handle

documents generated on ... flow representations, such as Petri nets [15], timed ...

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W Emmerich, V Gruhn - Software Specification and Design, 1991., Proceedings of the ..., 1991 - ieeexplore.ieee.org ... who is allowed to access which documents, and which ... specific properties of these

models, to detect errors, and ... this section we introduce a Petri net type which ...

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